



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Sunday, July 31



Day 1 (Sunday): Scattered showers and thunderstorms will redevelop this afternoon and evening across southern California, the Sierra, far western portions of the Central Valley, and the northern mountains. Locally heavy rainfall will bring a flash flood threat to southern portions of the state, while dry lightning and gusty thunderstorm winds are possible across the north, bringing elevated to critical fire weather conditions.



Weather Risk Outlook

Regional Operations Center
Western Region
Sunday, July 31

	Sun, Jul 31	Mon, Aug 1	Tue, Aug 2	Wed, Aug 3	Thu, Aug 4	Fri, Aug 5	Sat, Aug 6
Fire Weather Low RH / Wind / Dry T-Storms	Inland (North)	Inland (North)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Thunderstorms Wind / Hail / Tornadoes	Inland/ Southern	Inland/ Southern	Inland (Mountains)			Inland/ Southern	Inland/ Southern
Heat	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Cold							
River Flooding							
Wind							
Heavy Rain Flash Flooding / Debris Flow	Inland/ Southern	Inland/ Southern	Inland				
Snow							
Coastal Flooding							
Risk Levels	Little to None		Minor	Moderate	Major		Extreme



Weather Key Points

Regional Operations Center

Western Region

Sunday, July 31

- Scattered showers and thunderstorms will again be noted across the southern California mountains and deserts, Sierra, and northern mountains Sunday and Monday. A few storms are also possible for western portions of the Central Valley. Scattered showers and thunderstorms will linger over the Sierra and far northern mountains each day through midweek, with chances again increasing across southern California by late in the week.
 - Thunderstorms Sunday and Monday across far northern California will bring a threat for dry lightning and gusty and erratic winds, yielding elevated to critical fire weather conditions over much of Siskiyou and Modoc Counties
 - Heavy rainfall is also possible with some storms through Tuesday, and may lead to localized flash flooding. The greatest threat for heavy rain Sunday will be over the Sierra in portions of Fresno and Tulare Counties, much of the Mojave Desert, the mountains of Los Angeles, Ventura, San Bernardino, and Riverside Counties, and the Apple and Lucerne Valleys where a **Flood Watch** is in effect through Sunday evening.
 - The threat for heavy rain will spread north along the Sierra and across the Klamath Mountains and Modoc Plateau Monday and Tuesday
 - Some localized burn scar impacts are also possible depending on the location of heaviest rainfall. At this time, there are no specific burn scars of most concern.
- Temperatures will remain quite warm across far northern California today, with moderate to locally high heat impacts. Cooler, more seasonable early August readings will return for all areas Monday and continue through late week.

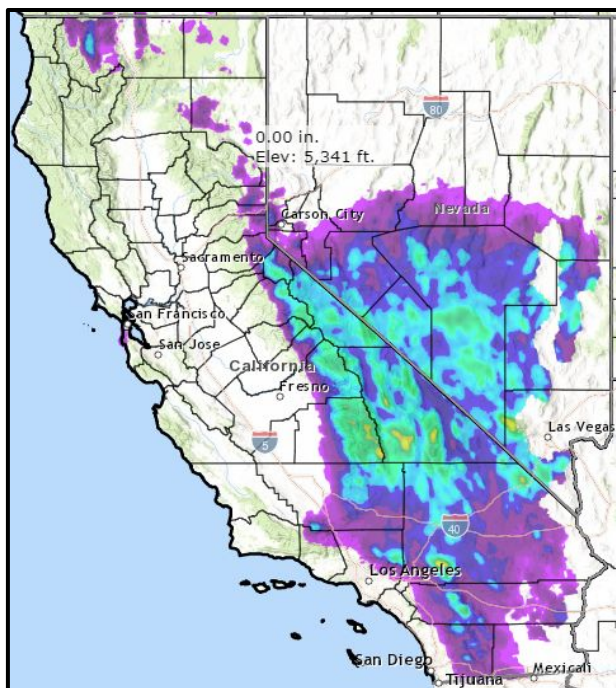


Precipitation Forecast

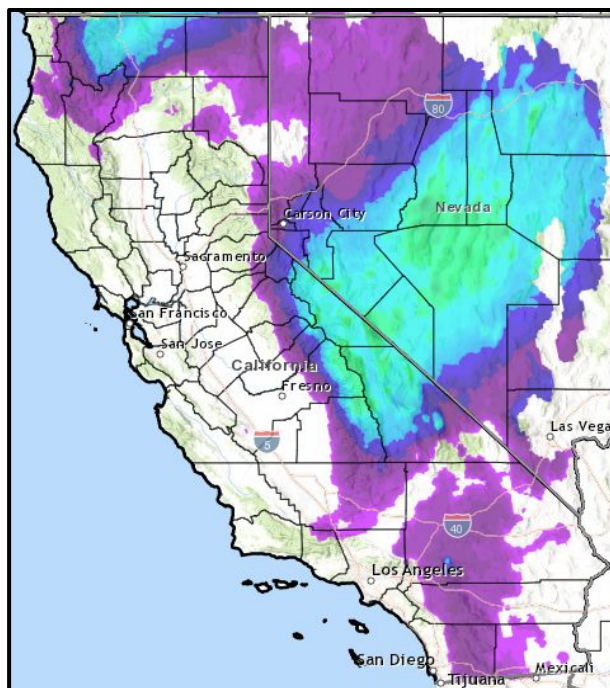
Regional Operations Center

Western Region

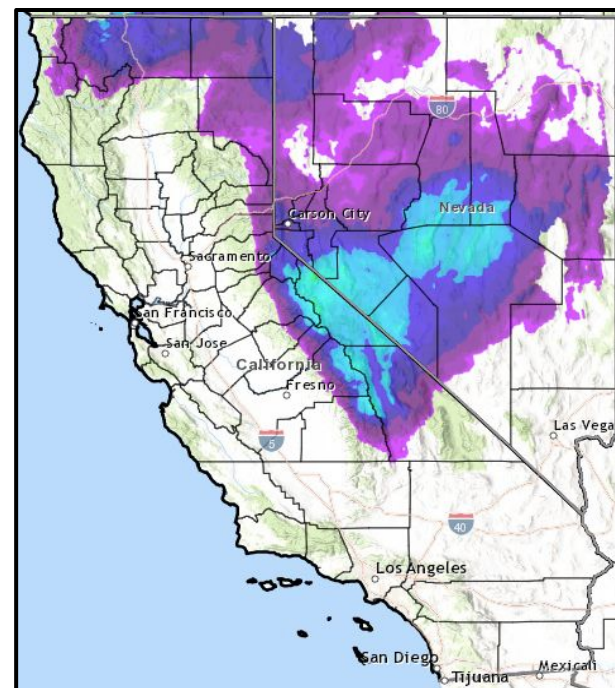
Sunday, July 31



Sunday



Monday



Tuesday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)

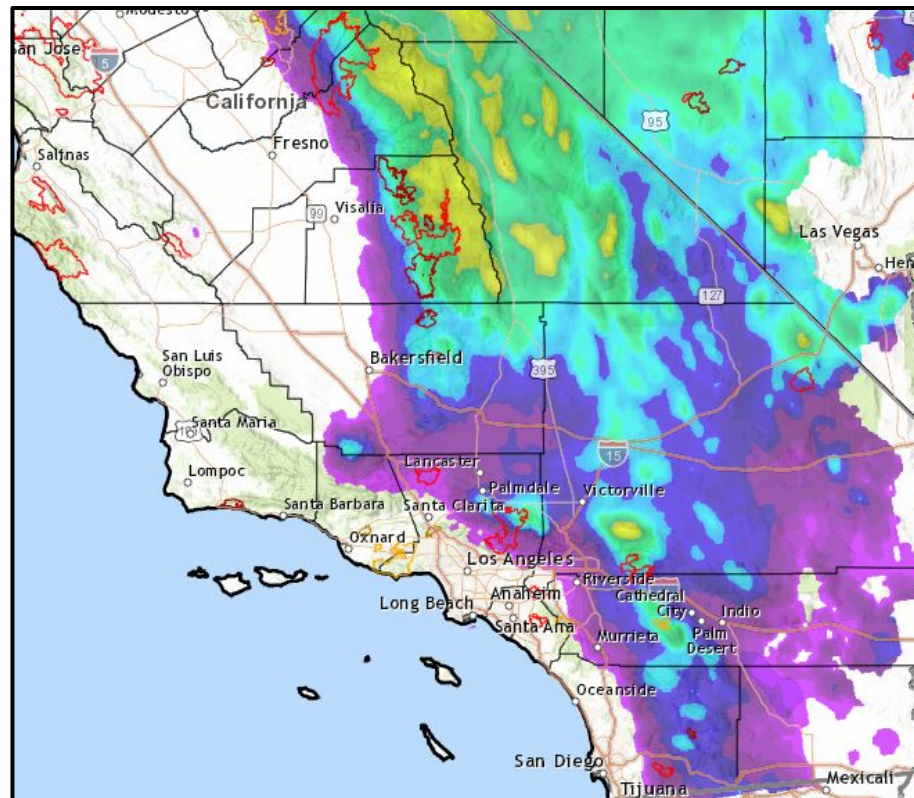
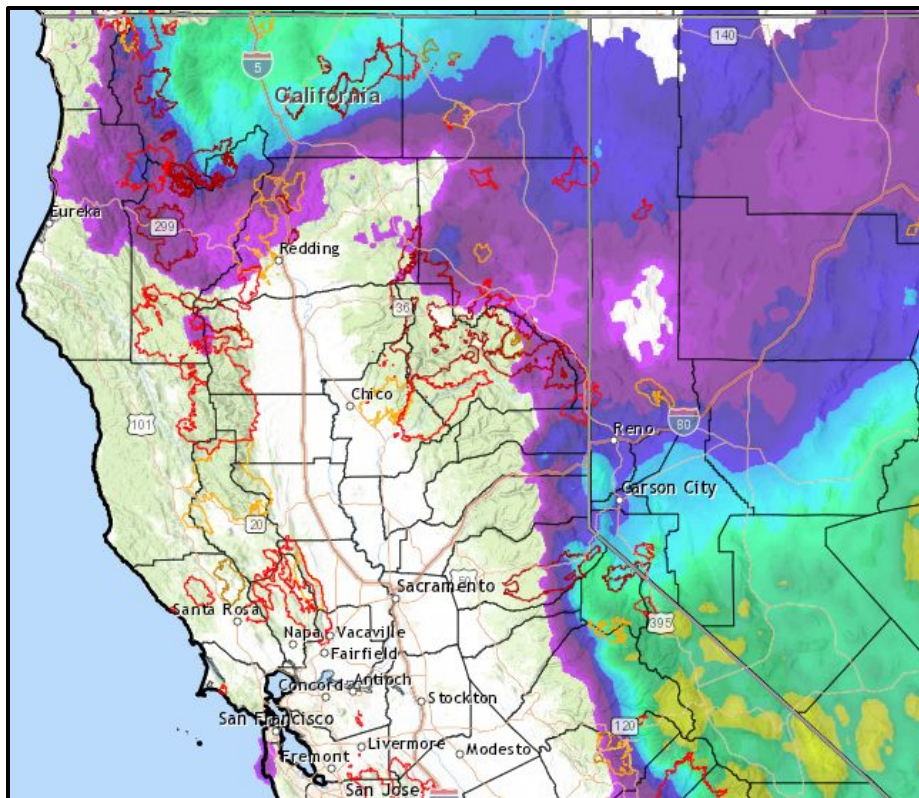


Sunday-Tuesday Precipitation

Regional Operations Center

Western Region

Sunday, July 31



Forecast Precipitation Sunday through Tuesday (Recent Burn Scars Overlaid)

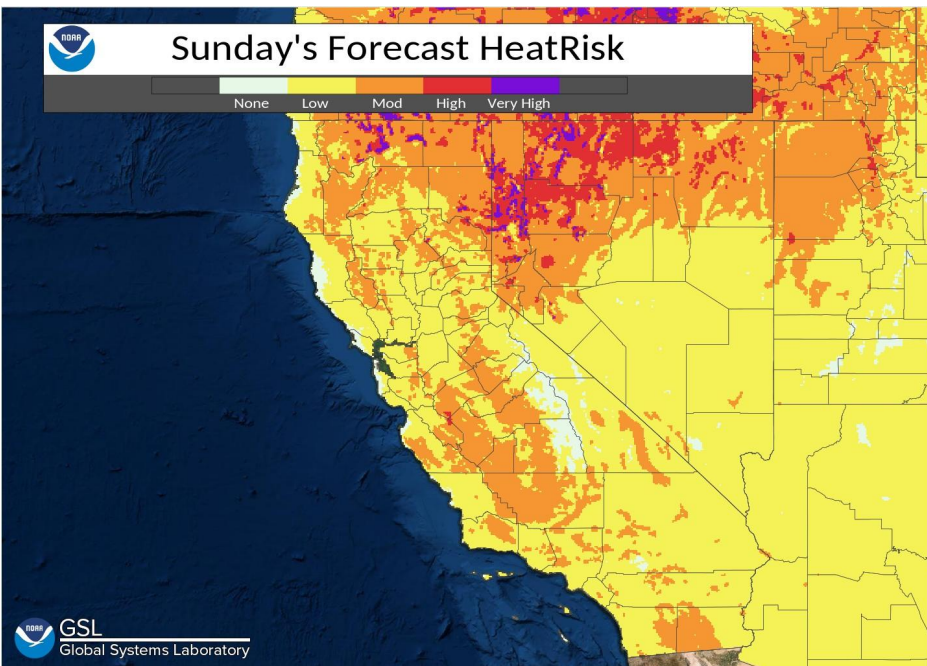
Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



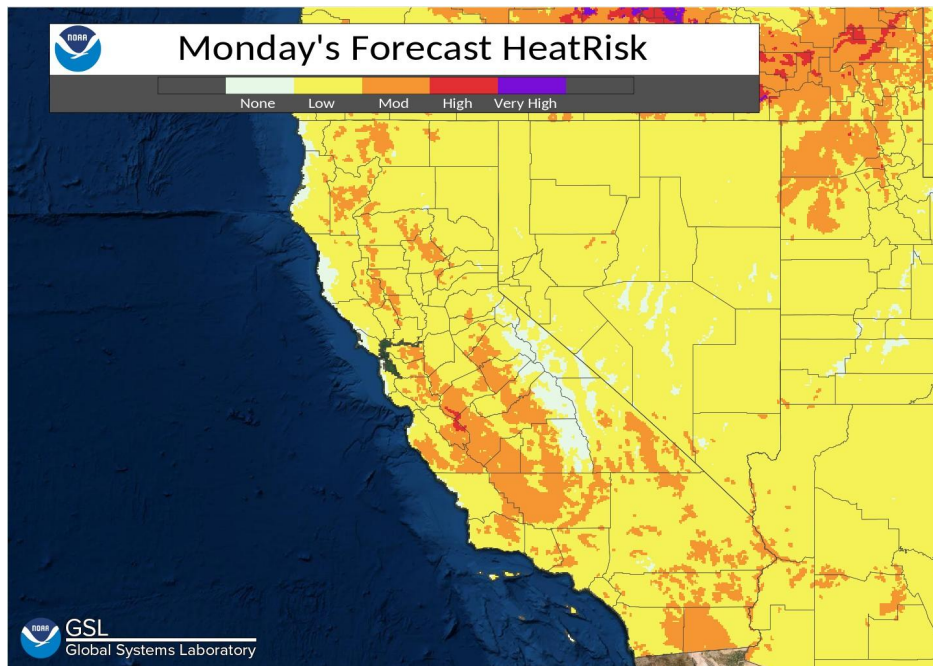
Sunday's Forecast HeatRisk

None Low Mod High Very High



Monday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



Weather Outlook (6-14 Days)

Regional Operations Center
Western Region
Sunday, July 31

6-10 Day Outlook (August 5 – August 9)

Temperatures

- Below normal temperatures are favored across southern California, with near to above normal temperatures favored across central and northern California

Precipitation

- Above normal precipitation is favored for much of the state, particularly across the eastern half of California, with the exception of coastal areas where near normal precipitation is favored

8-14 Day Outlook (August 7 – August 13)

Temperatures

- Above normal temperatures are favored for the majority of the state, except for far southern California where below normal readings are favored

Precipitation

- Above normal precipitation is favored once again for much of the state, especially the eastern half of California



Risk Assessment Matrix

Regional Operations Center

Western Region

Sunday, July 31

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

